

IMPROVED HOUSING OF STEPPER MOTOR

ABSTRACT OF THE DISCLOSURE

A stepper motor has a housing having a chamber therein. The housing frame has an annular plate and a bottom plate coupled with the annular plate and an included angle between the annular plate and the bottom plate is set at about ninety degree. A stator has a space at a center thereof and wound coils thereon to generate induced magnetic field in the space. The stator has a circumference closely attached on the inner side of the annular plate of the housing. A rotor is received in the inner space of the stator to be driven for rotation by the induced magnetic field. A motor front-plate is coupled with the housing to close the chamber, and a shaft has an end thereof coupled with the rotor for rotating along with the rotor.